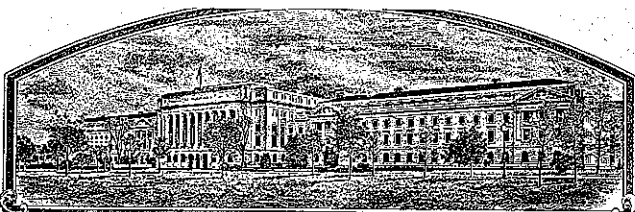


No.

200300256



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Monsanto Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR PLANT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED, AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Douglas'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this twenty-eighth day of January, in the year two thousand and four.



Attest:

Qem J

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Freeman
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the privacy Act of 1974 (5 U.S.C. 552a)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421) Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) (as it is to appear on the Certificate) Monsanto Company		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER M98*2152	3. VARIETY NAME Douglas
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) 700 Chesterfield Parkway North St. Louis, Missouri 63198		5. TELEPHONE (include area code) 636-737-6089	PVPO NUMBER 200300256
		6. FAX (include area code) 636-737-7250	DATE May 19, 2003
7. GENUS AND SPECIES NAME <u>Triticum aestivum</u>	8. FAMILY NAME (Botanical) Gramineae		FILING AND EXAMINATION FEE: FEE ① 2705.00 ② 947.00
9. CROP KIND NAME (common name) Soft Red Winter Wheat			DATE ① 5/19/2003 ② 6/3/2003
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) (common name) Corporation			CERTIFICATION FEE \$ 432.00
11. IF INCORPORATED, GIVE STATE OF INCORPORATION Delaware	12. DATE OF INCORPORATION 1933		DATE 1/16/2004
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Ms. Sally Metz 700 Chesterfield Parkway North St. Louis, Missouri 63198			14. TELEPHONE (include area code) 636-737-6089
AND Dr. Rollin Sears 6515 Ascher Road Junction City, Kansas 66441			15. FAX (include area code) 636-737-7250

16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (follow instructions on reverse)

a. ☒ Exhibit A. Origin and Breeding History of the Variety

b. ☒ Exhibit B. Statement of Distinctness

c. ☒ Exhibit C. Objective Description of the Variety

d. ☒ Exhibit D. Additional Description of the Variety

e. ☒ Exhibit E. Statement of the Basis of the Applicant's Ownership

f. ☒ Voucher Sample (2,500 viable untreated seeds, or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in a public repository)

g. ☒ Filing and Examination Fee (\$2,450), made payable to "Treasurer of the United States" (Mail to PVPO)

17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act)

☒ YES (if "yes", answer items 18 and 19 below) ☐ NO (if "no", go to item 20)

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?

☐ YES ☒ NO

19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDERS SEED?

☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?

☐ YES (if "YES", give names of countries and dates) ☒ NO

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

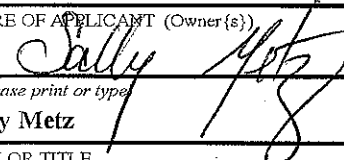
SIGNATURE OF APPLICANT (Owner(s)) 		SIGNATURE OF APPLICANT (Owner(s))	
NAME (Please print or type) Sally Metz		NAME (Please print or type)	
CAPACITY OR TITLE Director Wheat Technology	DATE	CAPACITY OR TITLE	DATE

Exhibit A.

Origin and Breeding History of Douglas

Douglas is a soft red winter wheat developed by Agripro Wheat located at Brookston IN. It was derived from a cross-made in the 1993 fall greenhouse using Pioneer 2510 and 92M*3449 (Pioneer2550/3/72-224//32-74/Ben5/4/803-4/103-77/Fred*2/BSK). The line '72-224 and '32-74 are breeding lines from the old NAPB program (dating back to the 1970's) for which we have no records. The 'Fred' line we believe to be "Fredrick" a Michigan soft red winter wheat. A bulk breeding method was used to develop Douglas. F1, F2, F3 and F4 populations were grown in Indiana. From the F4 bulk 150 heads were randomly selected for height and plant health and were planted as head rows. A single F5 head row was advanced to preliminary yield testing as an F6 in 1998. Douglas was advanced on the criteria dark green foliage color, disease resistance and excellent yield performance.

In 2000, 100 headrows were grown in Lafayette, IN and evaluated for phenotypic similarity. 78 were selected and bulk harvested. A 0.2 acre initial Breeders seed increase was grown in Colorado in 2001. A 4.0 acre Breeders seed increase was grown in Berthoud, Colorado in 2002. Foundation seed was planted in the Fall of 2002.

Douglas has been uniform and stable since 2001. Less than 0.8% of the plants were rogued from the Breeders seed increase in 2002. Approximately 10% of the rogued variant plants were taller height wheat plants (8 to 15 cm) and 80% were awnletted. Up to 1% variant plants may be encountered in subsequent generations.

Exhibit B.
Statement of Distinctness

Douglas is most similar to the soft red winter wheat 'Elkhart'. However it can be distinguished by the following characteristics

- Douglas has a medium glume length and width (Berhoud,CO 2001, 2002). Elkhart has a short glume length and a narrow glume width (Berhoud,CO 2001, 2002).
- Douglas has long brush hairs on the seed and occupies a large area of the seed (Berhoud,CO 2001, 2002). Elkhart has a medium brush length on the seed and occupies a medium area of the seed (Berhoud,CO 2001, 2002).

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (*Triticum* Spp.)

NAME OF APPLICANT(S)

Monsanto Company

FOR OFFICIAL USE ONLY

PVPO NUMBER

200300256

ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code)

700 Chesterfield Parkway North

St. Louis, Missouri 63198

NAME OR EXPERIMENTAL
DESIGNATION

Douglas

Place the appropriate number that describes the varietal character of this variety in the boxes below.

Place a zero in the first box when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized standard may be used to determine plant colors; designate system used.

Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

1 1=Common 2=Durum 3=Club 4=Other (specify) _____

2. VERNALIZATION:

2 1=Spring 2=Winter 3=Other (specify) _____

3. COLEOPTILE ANTHOCYANIN:

1 1=Absent 2=Present

4. JUVENILE PLANT GROWTH:

2 1=Prostrate 2=Semi-erect 3=Erect

5. PLANT COLOR (boot stage):

2 1 = Yellow-Green 2 = Green 3 = Blue-Green

6. FLAG LEAF (boot stage):

1 1 = Erect 2 = Recurved

2 1 = Not Twisted 2 = Twisted

7. EAR EMERGENCE:

0 0 Number of Days Earlier Than _____ *

0 4 Number of Days Later Than _____

Patton

8. ANTHHER COLOR:

1 1 = YELLOW 2 = PURPLE

9. PLANT HEIGHT (from soil to top of head, excluding awns):

0 0 cm Taller Than _____ *

0 2 cm Shorter Than _____

Patton

* Relative to a PVPO-Approved Commercial Variety Grown in the Same Trial

200300256

10. STEM:

A. ANTHOCYANIN

1 1= Absent 2=Present

B. WAXY BLOOM

2 1=Absent 2=Present

C. HAIRINESS (*last internode of rachis*)

2 1=Absent 2=Present

D. INTERNODE (*specify number*)

1 1=Hollow 2=Semi-solid 3=Solid

E. PEDUNCLE

1 1=Erect 2=Recurved

0 4 cm Length

11. HEAD (*at Maturity*):

A. DENSITY

2 1=Lax 2=Middense 3= Dense

B. SHAPE

1 1 = Tapering 2= Strap 3 = Clavate 4 = Other (*specify*)

C. CURVATURE

2 1 = Erect 2 = Inclined 3 = Recurved

D. AWNEDNESS

4 1 = Awnless 2 = Apically Awnletted 3 = Awnletted 4 = Awned

12. GLUMES (*at Maturity*):

A. COLOR

1 1 = White 2 = Tan 3 = Other (*specify*)

B. SHOULDER

2 1 = Wanting 2 = Oblique 3 = Rounded 4 = Square 5 = Elevated 6 = Apiculate

C. BEAK

3 1 = Obtuse 2 = Acute 3 =Acuminate

D. LENGTH

2 1 = Short (ca. 7mm) 2 = Medium (ca. 8mm) 3 = Long (ca. 9mm)

E. WIDTH

2 1 = Narrow (ca. 3mm) 2 = Medium (ca. 3.5mm) 3 = Wide (ca. 4mm)

13. SEED:

A. SHAPE

1 1 = Ovate 2 = Oval 3 = Elliptical

B. CHEEK

1 1=Rounded 2=Angular

C. BRUSH

3 1=Short 2=Medium 3=Long

1 1 = Not Collared 2 = Collared

D. CREASE

1 1 = Width 60% or less of Kernel
2 = Width 80% or less of Kernel
3 = Width Nearly as Wide as Kernel

1 1 = Depth 20% or less of Kernel
2 = Depth 35% or less of Kernel
3 = Depth 50% or less of Kernel

5

13. SEED: (continued)

E. COLOR

3 1 = White 2 = Amber 3 = Red 4 = Other (specify) _____

F. TEXTURE

2 1=Hard 2=Soft

G. PHENOL REACTION (see instructions):

0 1 = Ivory 2 = Fawn 3 = Light Brown 4 = Dark Brown 5 = Black

14. DISEASE: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant) 5=moderately resistant
PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED 6=moderately susceptible

0 Stem Rust (<i>Puccinia graminis</i> f. sp. <i>tritici</i>) Field races	5 Leaf Rust (<i>Puccinia recondita</i> f. sp. <i>tritici</i>) Field races
0 Stripe Rust (<i>Puccinia striiformis</i>)	0 Loose Smut (<i>Ustilago tritici</i>)
3 Tan Spot (<i>Pyrenophora tritici-repentis</i>)	0 Flag Smut (<i>Urocystis agropyri</i>)
0 Halo Spot (<i>Selenophoma donacis</i>)	0 Common Bunt (<i>Tilletia tritici</i> or <i>T. laevis</i>)
0 <i>Septoria nodorum</i> (Glume Blotch)	0 Dwarf Bunt (<i>Tilletia controversa</i>)
0 <i>Septoria avenae</i> (Speckled Leaf Disease)	0 Karnal Bunt (<i>Tilletia indica</i>)
0 <i>Septoria tritici</i> (Speckled Leaf Blotch) Field races	0 Powdery Mildew (<i>Erysiphe graminis</i> f. sp. <i>tritici</i>) Field races
1 Scab (<i>Fusarium</i> spp.)	0 Snow Molds
0 Black Point (Kernel Smudge)	0 Common Root Rot (<i>Fusarium</i> , <i>Cochliobolus</i> and <i>Bipolaris</i> spp.)
0 Barley Yellow Dwarf Virus (BYDV)	0 Rhizoctonia Root Rot (<i>Rhizoctonia solani</i>)
5 Soilborne Mosaic Virus (SBMV) Field races	0 Black Chaff (<i>Xanthomonas campestris</i> pv. <i>translucens</i>)
0 Wheat Yellow (Spindle Streak) Mosaic Virus Field races	0 Bacterial Leaf Blight (<i>Pseudomonas syringae</i> pv. <i>syringae</i>)
0 Wheat Streak Mosaic Virus (WSMV) Field races	 Other (specify) _____
 Other (specify) _____	 Other (specify) _____
 Other (specify) _____	 Other (specify) _____
 Other (specify) _____	 Other (specify) _____

15. INSECT: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

<input type="checkbox"/> 0	Hessian Fly (<i>Mayetiola destructor</i>)	<input type="checkbox"/>	Other (specify) _____
<input type="checkbox"/> 0	Stem Sawfly (<i>Cephus</i> spp.)	<input type="checkbox"/>	Other (specify) _____
<input type="checkbox"/> 0	Cereal Leaf Beetle (<i>Oulema melanopa</i>)	<input type="checkbox"/>	Other (specify) _____
<input type="checkbox"/> 0	Russian Aphid (<i>Diuraphis noxia</i>)	<input type="checkbox"/>	Other (specify) _____
<input type="checkbox"/> 0	Greenbug (<i>Schizaphis graminum</i>)	<input type="checkbox"/>	Other (specify) _____
<input type="checkbox"/> 0	Aphids		_____

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:

None

Exhibit D.
Additional Description of Douglas

Douglas is a soft red winter wheat bred and developed by AgriPro Wheat. Douglas is a soft red winter wheat with late maturity, and medium tall plant height. Douglas provides intermediate protection to Tan spot, is moderately resistant to Leaf rust and Soilborne mosaic virus and is susceptible to Scab.

Juvenile growth habit is semierect. Plant color at boot stage is green. Flag leaf at boot stage is erect and twisted. Waxy bloom is present on the head, stem and flag leaf sheath. Anther color is yellow. Head shape is tapering and awned. Glumes are glabrous, midwide in width and midlong in length with oblique shoulders and acuminate beaks. Seed shape is ovate. Brush hairs are long in length and occupy a large area of the seed tip. Seed crease depth is shallow and width is narrow. Seed cheeks are rounded.

Douglas is primarily adapted to Missouri, Kentucky, Illinois, Indiana, Ohio, Wisconsin, Michigan and Ontario.

AgriPro Wheat

SOFT WHEAT QUALITY SUMMARY

Year	LabNo	Loc-Code	Milling Quality		Baking Quality			
			Brk Flr	Tot Flr	Wht Prot	Flr Prot	C.Diam	T.G Norris
			%	%	14%mb	14%mb	mm	R Hard
M98*2152								
2001	4787	FO-91222	41.5	73.0	11.5	10.0	18.0	4 34
2001	4724	HN-91222	38.6	70.6	10.0	8.7	18.0	4 31
2000	7354	HN-91331	44.9	68.4	9.1	7.6	18.4	4 9
2000	7284	LF-91331	43.8	69.8	10.8	9.1	19.2	5 15
1999	7140	CI-81805	41.9	66.5	8.5	7.4	19.0	3 13
1999	7069	LF-81805	41.9	66.3	9.5	8.0	19.0	4 15
		Average	42.1	69.1	9.9	8.5	18.6	4 20
		:						
CALDWELL								
2001	4779	FO-91229	43.6	72.5	11.9	10.2	18.4	5 26
2001	4716	HN-91229	41.4	71.2	9.8	8.3	19.2	3 27
2000	7346	HN-91301	48.2	69.9	9.3	7.6	20.0	2 6
2000	7276	LF-91301	42.7	68.3	11.5	9.6	19.3	4 11
1999	7139	CI-81801	42.7	69.0	9.2	7.9	18.8	4 14
1999	7068	LF-81801	41.5	66.9	10.9	9.3	18.9	4 17
		Average	43.4	69.6	10.4	8.8	19.1	4 17
		:						

Ratings: 1-2=Excellent 9-8=Unacceptable

Advanced yield testing has been conducted for the past 4 years in Agripro trials in Missouri, Arkansas, Illinois, Indiana, Ohio, and Maryland. M98*2152 was tested in Ontario and the Uniform Eastern Soft Red Winter wheat nursery in the 01-02 season. M98*2152 is primarily adapted to Missouri, Kentucky, Illinois, Indiana, Ohio, Wisconsin, Michigan and Ontario

Yield data:

M98*2152	2002	2001	2000
Bu/A	73	67	68
% of mean	110%	106%	113%
Reps	2	2	2
# Locs	11	9	9
Checks Hopewell	63	Patterson	59
Patton	64	Patton	62
Pio 25R37	71	Pio 2540	64
Roane	67	Roane	63
		Caldwell	52

2002 Test locations: Findlay OH, Brookston IN, Ansonia OH, Marion OH, Pana IL, Sullivan IN, St. Jacobs IL, Haubstadt IN, Carmi IL, Sikeston MO, Jonesboro AR, Columbia MO

2001 Test locations: Findlay OH, Marion OH, Woodburn IN, Ansonia OH, Pana IL, St. Jacobs, IL, Haubstadt IN, Carmi IL, Sikeston MO, and Bowling Green KY.

2000 Test location: Woodburn IN, Findlay OH, Ansonia OH, Lafayette IN, Pana IL, St. Jacobs IL, Sullivan IN, Haubstadt IN, Jonesboro AR and Columbia MO.

2002 Uniform Eastern Yield and Test Weight Data:

Yield as % of trial mean		TW
		#/Bu
Reps	2 - 4	2-4
# Locs	12	12
M98*2152	118%	58.1
Checks Roane	104%	61.5
Patton	104%	59.4
Foster	100%	59.0
Caldwell	89%	58.8

2002 Uniform Eastern test locations: Ridgetown Ont, Nairn Ont, Ithaca NY, Lansing MI, Climax MI, Wooster OH, Urbana IL, Greensburg IN, Wabash IN, West Lafayette IN, Brownstown IL, Logan County, KY.

2002 Disease Notes {1-9 scale with 1 best}

	Tan Spot	Sept Nodorum	Sept tritici	Scab	BYDV	SBMV	Leaf Rust	Powdery Mildew
M98*2152	4	1	1	8		3	2	2
Patton	4	6	4	5	6	5		5
Caldwell	6	7	5			3	5	5

Tan spot: Brookston IN, St.Jacobs IL,
 Septoria Nodorum: Findlay OH, Carmi IL, St. Jacobs IL
 Septoria Tritici: Carmi IL, Haubstadt IN, St.Jacobs IL
 Scab: Findlay OH
 BYDV: Carmi IL
 SBMV: Sullivan IN, Urbana IL
 Leaf Rust: Keedysville MD, Wye MD, Columbia MO
 Powdery Mildew: Findlay OH, Marion OH, Keedysville MD, Wye MD

2001 Disease Notes {1-9 scale with 1 best}

	Tan Spot	Sept Nodorum	Sept tritici	Scab	BYDV	SBMV	Leaf Rust	Powdery Mildew
M98*2152	4	5	3			1		1
Patton	4					2	3	3
Caldwell								

Tan spot: Ansonia, OH Carmi IL, St.Jacobs IL, Woodburn IN
 Septoria Nodorum: Carmi IL
 SBMV: Sullivan IN
 Leaf Rust: Haubstadt IN
 Powdery Mildew: Lafayette IN

M98*2152 is a soft red winter wheat with late maturity, and medium tall plant height.

	2002	2001	2000
Height			
M98*2152	40 in	38 in	39 in
Patton	40 in	39 in	37 in
Caldwell	42 in	41 in	
Heading	Julian days		
M98*2152	144	136	125
Patton	136	130	120
Caldwell	142	134	122
Test Weight	#/Bu.		
M98*2152	61	61	52
Patton	61	60	54
Caldwell	59	61	54

M98*2152	2002	2001	2000
Bu/A	73	67	68
% of mean	110%	106%	113%
Reps	2	2	2
# Locs	11	9	9
ChecksHopewell	63	Patterson 62	Patterson 59
Patton	64	Patton 66	Patton 62
Pio 25R37	71	Pio 2540 64	Pio 2540 64
Roane	67	Roane 63	Caldwell 52

2002 Test locations: Findlay OH, Brookston IN, Ansonia OH, Marion OH, Pana Ill, Sullivan IN, St. Jacobs IL, Haubstadt IN, Carmi IL, Sikeston MO, Jonesboro AR, Columbia MO

2001 Test locations: Findlay OH, Marion OH, Woodburn IN, Ansonia OH, Pana IL, St. Jacobs, IL, Haubstadt IN, Carmi IL, Sikeston MO, and Bowling Green KY.

2000 Test location: Woodburn IN, Findlay OH, Ansonia OH, Lafayette IN, Pana IL, St. Jacobs IL, Sullivan IN, Haubstadt IN, Jonesboro AR and Columbia MO.

2002 Uniform Eastern Yield and Test Weight Data:

Yield as % of trial mean		TW #/Bu
Reps	2 - 4	2-4
# Locs	12	12
M98*2152	118%	58.1
ChecksRoane	104%	61.5
Patton	104%	59.4
Foster	100%	59.0
Caldwell	89%	58.8

2002 Uniform Eastern test locations: Ridgetown Ont, Nairn Ont, Ithaca NY, Lansing MI, Climax MI, Wooster OH, Urbana IL, Greensburg IN, Wabash IN, West Lafayette IN, Brownstown IL, Logan County, KY.

Exhibit E.
Statement of the Basis of Applicant's Ownership

The variety for which Plant Variety Protection is hereby sought was developed by Curtis Beazer, an employee of AgriPro Wheat. By agreement between employees and AgriPro Wheat all rights to any invention, discovery, or development made by the employee while employed by AgriPro Wheat, were assigned to AgriPro Wheat, with no rights of any kind pertaining to 'Douglas' being retained by the employees.

By contractual agreement the variety 'Douglas' was purchased from AgriPro Wheat, a business unit of Advanta USA, Inc. in June of 1996 and is currently owned by Monsanto Company.